ABSTRACT OF THE DISCLOSURE

Systems and methods for providing an automated diagnostic audit for computer cluster systems are provided. One such system for providing an automated diagnostic audit for a cluster computer system comprises: means for receiving

5   information associated with the cluster computer system, the information comprising a plurality of system configuration parameters for each of a plurality of nodes in the cluster computer system; means for defining a plurality of system configuration categories associated with the plurality of system configuration parameters, means for defining a threshold benchmark for each of the plurality of system configuration

10   categories, each of the plurality of threshold benchmarks based on a predefined set of rules; means for associating each of a portion of the plurality of system configuration parameters for each of the plurality of nodes with one of the plurality of system configuration categories; and means for generating audit information, the audit information based on a comparison of each of the plurality of system configuration

15   parameters for each of the plurality of nodes to the threshold benchmark for the associated system configuration category. The system may further comprise means for providing the audit information to a network management entity associated with the cluster computer system.